

TRIMERIZATION CATALYST OF ETHYLENE AND METHOD FOR TRIMERIZATION OF ETHYLENE USING THE SAME

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Abstract of JP2001009290

PROBLEM TO BE SOLVED: To efficiently and highly selectively produce 1-hexene from ethylene.
SOLUTION: The trimerization catalyst of ethylene consists of an alkyl metal compound and a chromium complex expressed by the general formula of $ACrB_n$ in which a neutral multidentate ligand having a tripod structure is coordinated. In the formula, (n) is an integer 1 to 3, A is a neutral multidentate ligand having a tripod structure, B is one or more kinds selected from hydrogen atom, halogen atoms and straight-chain or branched alkyl groups.

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